USER GUIDE

HDMI/DVI Down Converter to VGA with Stereo Audio

Model #: C-HDM-VGA

© 2012 Avenview Inc. All rights reserved.
The contents of this document are provided in connection with Avenview Inc. ("Avenview") products. Avenview makes no representations or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice. No license, whether express, implied, or otherwise, to any intellectual property rights is granted by this publication. Except as set forth in Avenview Standard Terms and Conditions of Sale, Avenview assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its products including, but not limited to, the implied warranty of merchantability, fitness for a particular purpose, or infringement of any intellectual property right.
Reproduction of this manual, or parts thereof, in any form, without the express written permission of Avenview Inc. is strictly prohibited.
including, but not limited to, the implied warranty of merchantability, fitness for a particular purpose, or infringement of any intellectual property right.
Reproduction of this manual, or parts thereof, in any form, without the express written permission of Avenview Inc. is strictly prohibited.

Table of Contents

Section 1: Getting Started 3

1.1 Important Safeguards 3

1.2 Safety Instructions 3

1.3 Regulatory Notices Federal Communications Commission (FCC) 4

1.4 Introduction 4

1.5 Package Contents 4

1.6 Before Installation 4

1.7 Parts Required 5

1.8 Panel Description 6

1.1 Installation Hardware 7

1.2 General Troubleshooting 7

Section 2: Specifications 7

Section 1: Getting Started

1.1 Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
- Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
- Repair or attempted repair by anyone not authorized by us.
- Any damage of the product due to shipment.
- Removal or installation of the product.
- Causes external to the product, such as electric power fluctuation or failure.
- Use of supplies or parts not meeting our specifications.
- Normal wear and tear.
- Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

1.2 Safety Instructions

The C-HDM-VGA converter has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the C-HDM-VGA should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not dismantle the housing or modify the module.
- Dismantling the housing or modifying the module may result in electrical shock or burn.
- Refer all servicing to qualified service personnel.
- Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Have the module checked by a qualified service engineer before using it again.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

1.3 Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

1.4 Introduction

Avenview C-HDM-VGA Down converts your High Definition (HDMI Digital signal)/DVI to an Analog Signal with Stereo audio VGA Converter. It is a perfect solution for connecting video cards (desktop or laptop) or consumer electronics devices such as game consoles or home theater receivers that offer an HDMI port to a VGA display or computer monitor.

- This unit is conversion between video formats but not convert the input/output video resolutions
- Resolution pass-through converter
- Audio output format: 2 channel LPCM (LINEAR PULSE-CODE MODULATION)
- HDMI Input bandwidth: Supports 165MHz/1.65Gbps per channel (6.75Gbps all channel)
- Compatible with DVI with DVI-HDMI cable or adapter

1.5 Package Contents

Before you start the installation of the converter, please check the package contents.

- C-HDM-VGA x 1
- Wall Adapter DC 5V/2A x1
- User's Manual x1

1.6 Before Installation

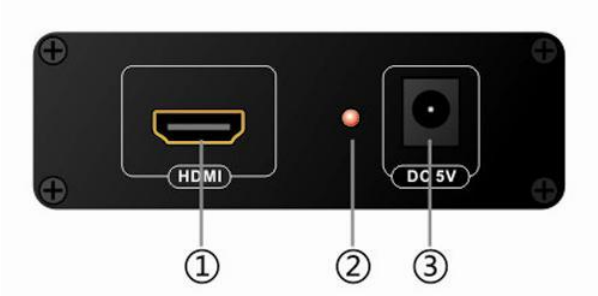
- Put the product in an even and stable location. If the product falls down or drops, it may cause an injury or malfunction.
- Don't place the product in too high temperature (over 50°C), too low temperature (under 0°C) or high humidity.
- Use the DC power adapter with correct specifications. If inappropriate power supply is used then it may cause a fire.
- Do not twist or pull by force ends of the Component and HDMI. It can cause malfunction.

1.7 Parts Required

1	**C-CVID-HDM**	
1	**COMPONENT CABLE OUTPUT**	
1	**HDMI CABLE INPUT**	
1	**HDMI Source**	
1	**LCD VGA MONITOR**	
Optional	**HDMI EXTENDER HDM-C53X-SET Can be added to the solution**	

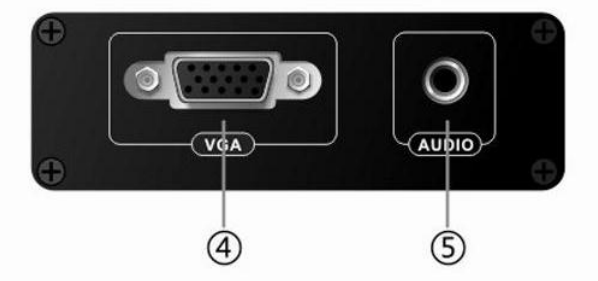
1.8 Panel Description

1. FRONT PANEL



1: HDMI IN: Connect to a HDMI source with HDMI M-M Cable
2: LED INDICATOR: Power LED when powered it activates
3: POWER: +5V DC: Power Connector

2. REAR PANEL



4: VGA OUT: VGA 15 PIN FEMALE CONNECTORS
5: AUDIO OUT: 3.5mm STEREO AUDIO JACK

1.1 Installation Hardware

1. Power On source such as HD Camera or HD Gaming System
2. Connect your C-HDM-VGA to source device with Male to Male HDMI to HDMI
3. Connect Output of C-HDM-VGA with VGA cable with 3.5mm Audio Jack.
4. Connect other end of VGA cable to LCD Monitor with VGA INPUT

> ***Note:*** *This Converter is NOT-HDCP compatible. This unit should not be connected to HDCP Devices such as STP (Cable/Sat Boxes) and Blu ray/DVD players etc……*

1.2 General Troubleshooting

Problem	Possible Solution
No image output	Check the Power Connections
Image is not as clear	Please ensure cables are properly inserted
Video –No Sound	Please ensure the VGA and 3.5mm connections are secure.

Section 2: Specifications

Item	Description
Units	C-HDM-VGA
Unit Description	HDMI Down Converter to VGA
VGA Resolutions	640*480@60Hz,720*576@50Hz,1280*720@50/60Hz,1920*1080@50/60Hz, 800*600@60Hz,1024*768@60Hz
Supported HDMI Resolution	480P@60Hz,576P@50Hz,720P@50/60Hz,1080i@50/60Hz,1080P@50/60Hz, 800*600@60Hz,1024*768@60Hz
Video Detection	Automatic video detection
Input	1 x HDMI
Output	1 X VGA
HDMI Connector	Type A (19 pin female)
VGA/ Audio	15 PIN FEMALE +3.5 MM AUDIO
Dimensions (L x W x H)	3” x 2” x 1”
Power Supply	DC 5V/2A
Power Consumption	3W
Environmental	
Operating Temperature	32˚ ~ 104˚F (0˚ to 40˚C)
Storage Temperature	-4˚ ~ 140˚F (-20˚ ~ 60˚C)
Relative Humidity	20~90% RH (no condensation)

Disclaimer

While every precaution has been taken in the preparation of this document, Avenview Inc. assumes no liability with respect to the operation or use of Avenview hardware, software or other products and documentation described herein, for any act or omission of Avenview concerning such products or this documentation, for any interruption of service, loss or interruption of business, loss of anticipatory profits, or for punitive, incidental or consequential damages in connection with the furnishing, performance, or use of the Avenview hardware, software, or other products and documentation provided herein.

Avenview Inc. reserves the right to make changes without further notice to a product or system described herein to improve reliability, function or design. With respect to Avenview products which this document relates, Avenview disclaims all express or implied warranties regarding such products, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement.